

Clean Substitute Abstract
U.S. Serial No. 10/582 441

CERAMIC HEATER-TYPE GLOW PLUG
Abstract

A ceramic glow plug which prevents the occurrence of damage on a small diameter portion formed on a rear end portion of a ceramic heater fixed in a metallic outer sleeve. The rear end portion of the ceramic heater is positioned inside the metallic outer sleeve, and the small diameter portion is formed on the rear end portion. The rear-end small diameter portion of the ceramic heater is connected to an electrode lead-out member for taking out a positive electrode of a heat generating material. Granulated powder (alumina, for example) made of inorganic insulating material is filled in around a connecting portion of the ceramic heater in the metallic outer tube and the electrode lead-out-wire, and in addition, an insulating material is sealed outside the granulated powder. Thereafter, swaging is performed to bring the insulating material into a highly dense state thus fixing the electrode lead-out wire and an electrode lead-out rod in the metallic outer sleeve.